



TPBAT12-52

DATA SHEET

High Rate Valve Regulated SLA Battery

Features

- Sealed and Maintenance Free
- Safety Valve for Ultimate Safety; Prevents Overpressure
- Exceptional Deep Discharge Recovery Performance
- Low Self Discharge Characteristics
- Highly Resistant to Vibration and Shock



TPBAT12-52
12V 52Ah SLA AGM Battery

Applications

- Remote Equipment Power
- Surveillance Cameras
- Wireless Base Stations
- Medical Equipment
- Remote Sensors
- Backup Power Systems

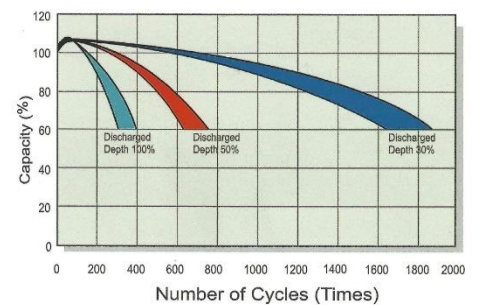
Description

The TPBAT12-52 high rate valve regulated sealed lead acid (VRLA) AGM battery has been developed for long term operation in harsh environments. They have a high cycle life and impressive 8 year float life. They are designed to operate over a wide temperature range such as those experienced in outdoor equipment applications. The batteries can be installed in any position without affecting their performance or reliability.

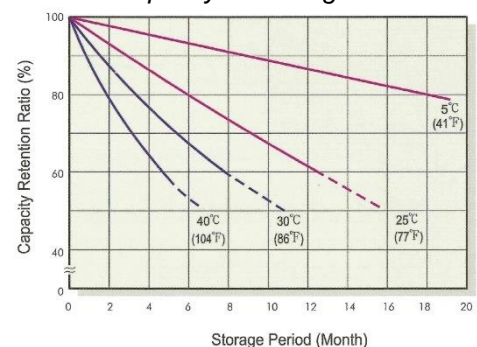
Specifications

TPBAT12-52	
Voltage	12V
Capacity (amp hours; 20hr)	52
Typical Float Life	8 Years
30% Discharge Cycle Life	1800 Cycles
Type / Technology	Valve Regulated Sealed Lead Acid / Absorbent Glass Mat (AGM)
Self-Discharge (25°C)	<3% per month
Charge Voltage (-30mV / °C)	14.4 to 15V ; Max Current 15.6A
Float Voltage (-20mV / °C)	13.5 to 13.8V
Internal Resistance	5.2mΩ
Operating Temperature	-30C (-22F) to +60C (140F)
Housing	ABS (UL94HB)
Certifications	ISO 9001: 2000, ISO 14001, ISO 5001, UL, IEC, VdS
Compliances	JIS C 8704-2: 1999, BS6290 PART4 1987, TL9000, EUROBAT, OHSAS, NEBS, REACH, RoHS
Dimensions (L x W x H)	228 x 138.4 x 219 (9 x 5.4 x 8.6")

Cycle Service Life

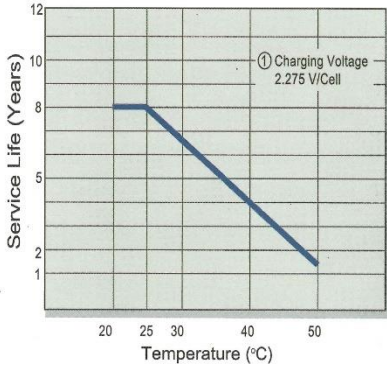


Capacity vs Storage Time

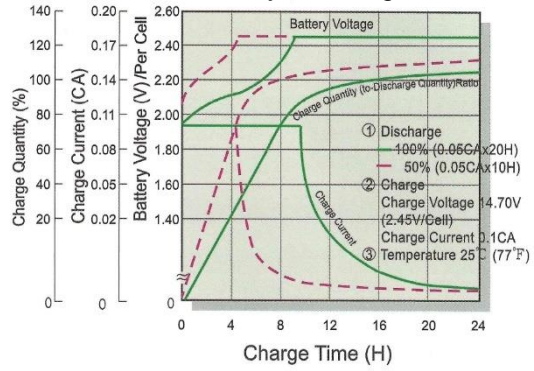


Weight	18.3kg (40.3lb)
Warranty	2 Years

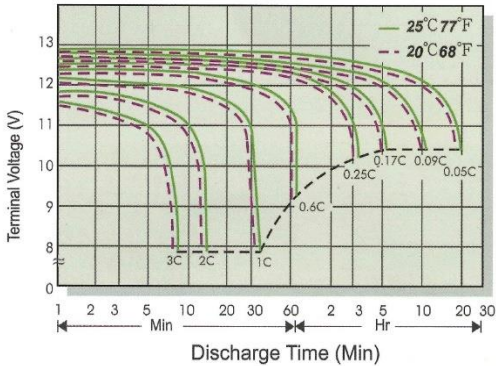
Float Service Life



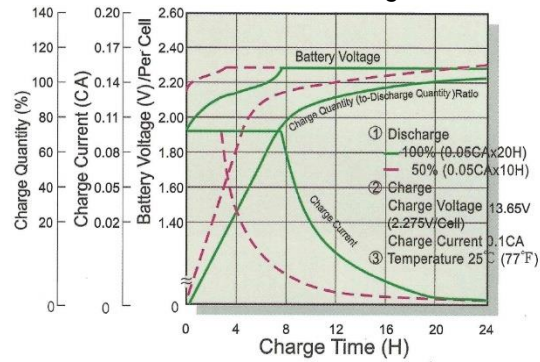
Cycle Charge



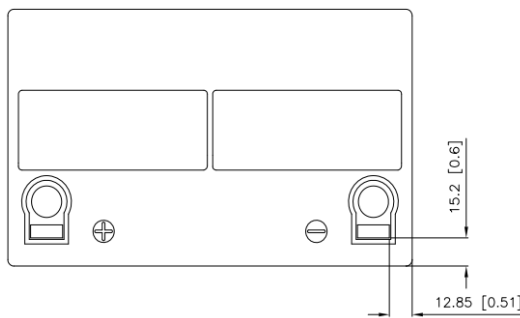
Voltage vs Discharge Time



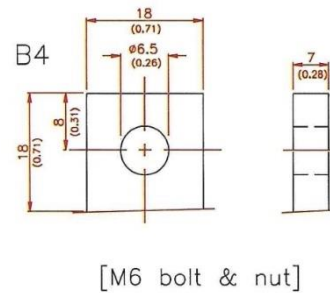
Float Charge



Battery Layout



TAB Dimensions
Max Torque 110 in-lb



System Ordering:

TPBAT12-52 12V 52Ah Valve Regulated Sealed Lead Acid AGM Battery

For further information contact:

Tyconsystems.com